FOREST INSECT AND DISEASE MANAGEMENT
U.S. FOREST SERVICE
ASHEVILLE, NORTH CAROLINA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Shenandoah National Park

STATE: Virginia COUNTY: N/A

AREA WITHIN SURVEY BOUNDARY: 193,537 acres DATE: 9/7/76

PERCENT COVERAGE: 100% AIRCRAFT: Cessna 182 CREW: Bassett, Ghent

SURVEY OBJECTIVES: To determine the current status of the southern pine beetle and delineate infestation boundaries.

SURVEY RESULTS

Southern pine beetle activity in the southeast corner of Rockingham County, between Skyline Drive and Highway 340, has increased in intensity. Spot sizes have enlarged with the largest spot increasing from 75 red topped or fading trees to 200 trees. Spot sizes range from 2 to 200 with an average size of 43 dying trees per spot. Presently the majority of spots are confined to the aforementioned area.

SUMMARY

Infestations have spread on the Park to a small extent and the insect population has remained high. Infestations near the Park boundary should be watched by Park personnel and removed if they threaten to spread into adjacent land. An aerial survey will again be conducted in the spring of 1977.

For any additional information, Contact:
Field Representative
Forest Insect and Disease Management
Southeastern Area, State & Private Forestry
P. O. Box 5895
Asheville, N. C. 28803
Telephone 704-258-2850, Ext. 625